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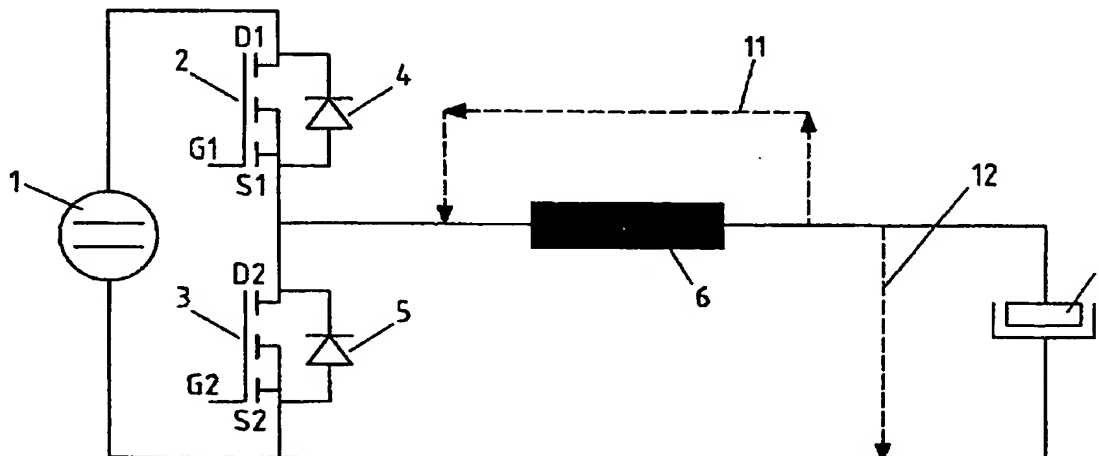
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(54) Title: **POWER CONVERTER**



(57) **Abstract:** The invention relates to a power converter comprising an inductor 6 for receiving energy from a power supply 1, and connected to the inductor 6 an output capacitor 7 for providing an output voltage. In order to ensure a quick compensation of a reduction of load at the voltage output using few output capacitors, it is proposed that an additional current path 11,12 is arranged in parallel either to the inductor 6 or to the capacitor 7, which additional current path 11,12 can be opened and closed. A current flowing through the additional current path 11,12 reaches basically immediately a desired value, when the additional current path 11,12 is opened. Feedback means are moreover provided for opening the additional current path 11,12, when the output voltage reaches a predetermined maximum value. The invention relates equally to a corresponding method.